

S/N 09/781,592

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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Beverly M. Emerson

Examiner: Brian A Whiteman

Serial No.: 09/781,592

Group Art Unit: 1633

Filed: February 12, 2001

Docket: 1211.003US1

Title: METHOD OF REGULATING TRANSCRIPTION IN A CELL

**AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111**

Commissioner for Patents  
Washington, D.C. 20231

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Sir:

In response to the Office Action mailed on December 31, 2001, please consider the following remarks and amendments.

**In the Specification**

Please make the paragraph substitutions indicated in the appendix entitled Clean Version of Amended Specification Paragraphs. The specific changes incorporated in the substitute paragraphs are shown in the following marked-up versions of the original paragraphs:

The paragraph beginning at page 6, line 1 is amended as follows:

The chromatin remodeling complex subunit may be from [and] an organism such as a plant or animal, such as a human.

The paragraph beginning at page 9, line 8 is amended as follows:

Many zinc finger proteins have been studied to date. For example, there are zinc finger proteins that are regulators of tissue-specific gene expression such GATA-1 (erythroid), Sp1 (ubiquitous), [EKLF erythroid] EKLF (erythroid), FKLF (fetal), BKLF (basic), GKLF (gut), LKLF (lung). There are also zinc finger-containing nuclear hormone receptors such as, androgen, estrogen, thyroid, progesterone, glucocorticoid receptors. Another zinc finger-containing protein is Wilm's tumor suppressor protein, WT1. WT1 encodes a zinc finger transcription factor implicated in kidney differentiation and tumorigenesis. It strongly regulates